

Notice of Allowability

Application No.

10/765,160

Applicant(s)

YOSHIDA ET AL.

Examiner

Vanessa (Brandi) Coleman

Art Unit

2627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the After.Final Amendment filed November 30, 2007.
2. ☒ The allowed claim(s) is/are 1-18.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

WAYNE YOUNG
SUPERVISORY PATENT EXAMINER

DETAILED ACTION

Reasons for Allowance

1. Claims 1-18 are allowed.

The following is an examiner's statement of reasons for allowance: The prior art of record, alone or in combination, fails to disclose a recording apparatus configured to generate an index file for each content file to be recorded to a recording medium, the index file associating attribute information allocated to each content file with real data of said each content file, and configured to record the generated index file to the recording medium, the apparatus comprising: an information adding unit configured to generate a flag indicating a recording state of a content file to be recorded to the recording medium and configured to add the flag to the attribute information, wherein the information adding unit is further configured to continuously provide entry areas in which a flag indicating invalidity is set in a physical area in which the index file can be continuously recorded, and to write invalid data in the entry areas before said each content file is recorded first to the recording medium.

Kuno et al., US Patent 6378031 discloses a file management method and data processing apparatus wherein individual data in one of a plurality of data blocks is recorded as a data portion on a disk medium. Continuous identification numbers are assigned to the individual continuous blocks, and each of the assigned identification numbers are assigned to the individual continuous blocks, and each of the assigned identification is stored in the identification of a sub-code portion. Address information

indicates the recording position of the head of at least the next block and is stored in a link portion of the sub-code portion. The sub-code portion is recorded together with the data portion of the block on the disk medium. Kuno fails to teach or suggest that an information adding unit is further configured to continuously provide entry areas in which a flag indicating invalidity is set in a physical area in which the index file can be continuously recorded and to write invalid data in the entry areas before said each content file is recorded first to the recording medium. Conversely, Kuno a flag is set following data being written to the free area, versus the invalid data being written before the content file is recorded first to the recording medium as in the invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

2. Applicant's arguments, see page 8 to page 10, filed November 30, 2007, with respect to the rejection of claims 1-18 have been fully considered and are persuasive. The rejection of claims 1-18 has been withdrawn.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vanessa (Brandi) Coleman whose telephone number is

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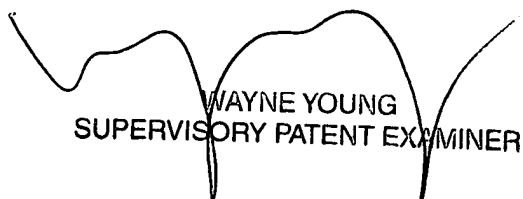
(571) 272-9081. The examiner can normally be reached on Mon-Thurs 8:30-6; 1st Fri off, 2nd Fri 8:30-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young can be reached on (571) 272-7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Art Unit 2627

VC


WAYNE YOUNG
SUPERVISORY PATENT EXAMINER